

SEARCH REQUEST FORM

Examiner # (Mandatory): 72289 Requester's Full Name: Yao
Art Unit 1733 Location (Bldg/Room#): CP3-6132 Phone (circle 305 306 308) 308-4788
Serial Number: 08/818,520 Results Format Preferred (circle): PAPER DISK E-MAIL
Title of Invention PCMCTA Standard Memory Card Frame
Inventors (please provide full names): Farguhar et al

Earliest Priority Date: 7/15/93

Keywords (include any known synonyms registry numbers, explanation of initialisms):

5397857

Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

Litigation Search

Urgent

None according STIC Staff 6-10-99

0-12
0-12

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Searcher: _____
Searcher Phone #: _____
Searcher Location: _____
Date Picked Up: _____
Date Completed: _____
Clerical Prep Time: _____
Terminal Time: _____
Number of Databases: _____

Type of Search
____ N.A. Sequence
____ A.A. Sequence
____ Structure (#)
____ Bibliographic
____ Litigation1
____ Fulltext
____ Procurement
____ Other

Vendors (include cost where applicable)
____ STN
____ Questel/Orbit
____ Lexis/Nexis
____ WWW/Internet
____ In-house sequence systems (list)
____ Dialog
____ Dr. Link
____ Westlaw
____ Other (specify)

Orbit

YAO 08/818520

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SS 1?
NBR US5397857/PN

SELECT LIST DEFAULT:

SELECT#	RESULTS	TERM
1	1	US5397609/PN
2	1	US5397786/PN
3	1	US5398017/PN
4	2	US5398170/PN
5	1	US5398326/PN

UP N OR DOWN N?

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YAO 08/818520

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NBR US5397857/PN

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SELECT#	RESULTS	TERM
6	1	US5397855/PN
7	1	US5397856/PN
8	1	US5397857/PN
9	1	US5397858/PN
10	1	US5397859/PN

UP N OR DOWN N?

SEL 8

SS 1 RESULT (1)

SS 2?
PRT FU

-1- (LEGSTAT)
PN - US 5397857 [US5397857]
DT - US-P
ACT - 93.07.15 US/AE-A
APPLICATION DATA (PATENT)
{US 92012/93 [93US-092012] 93.07.15}
ACT - 95.03.14 US/A
PATENT
ACT - 95.04.14 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
DUEL SYSTEMS, INC. 1750 JUNCTION AVE. SAN JOSE, CALIFORNIA 95112 *
CENTOFANTE, CHARLIE : 19950404; GREAT AMERICA GUMBALL CO., INC., DBA
GUMBALL CO. : 19950404
ACT - 99.04.06 US/RF
REISSUE APPLICATION FILED
970314
UP - 9919

SS 2?

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COVERS 1973 THRU WEEKLY UPDATE (9921)

SS 1?
NBR US5397857/PN

SELECT LIST DEFAULT:

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11	1	US5397848/PN
12	1	US5397852/PN
13	1	US5397857/PN
14	1	US5397858/PN
15	1	US5397861/PN

UP N OR DOWN N?

SEL 13

SS 1 RESULT (1)

SS 2?
PRT FU

-1- (PAST)
AN - 9914-001286
PN - US5397857
DT - A (UTILITY)
OG - 99.04.06
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

SS 2?

Dialog

YAO 08/818520

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File 345:Inpadoc/Fam.& Legal Stat 1999/UD=9921
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Set	Items	Description
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? S	PN=US 5397857	

S1 1 PN=US 5397857
? T1/9/1



1/9/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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12206359
Basic Patent (No,Kind,Date): CA 2143685 AA 950126 <No. of Patents: 010>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9472211 A1 950213
PCMCIA STANDARD MEMORY CARD PACKAGE (English)
Patent Assignee: JIM FARQUHAR
Author (Inventor): FARQUHAR JIM; CENTOFANTE CHARLIE; DORF KEN;
WEIBEZAHN BRANDT; FAJARDO IGGONI
Priority (No,Kind,Date): US 92012 A 930715; WO 94US7903 W 940713
Applic (No,Kind,Date): AU 9472211 A 940713
IPC: * B29C-065/02; B29C-065/08; H05K-005/03; H05K-005/04
Derwent WPI Acc No: * C 95-067218
Language of Document: English
Patent (No,Kind,Date): AU 677085 B2 970410
PCMCIA STANDARD MEMORY CARD PACKAGE (English)
Patent Assignee: JIM FARQUHAR; CHARLIE CENTOFANTE; KEN DORF; BRANDT
WEIBEZAHN; IGGONI FAJARDO
Author (Inventor): FARQUHAR JIM; CENTOFANTE CHARLIE; DORF KEN;
WEIBEZAHN BRANDT; FAJARDO IGGONI
Priority (No,Kind,Date): US 92012 A 930715; WO 94US7903 W 940713
Applic (No,Kind,Date): AU 9472211 A 940713
IPC: * B29C-065/02; B29C-065/08; H05K-005/03; H05K-005/04
Derwent WPI Acc No: * C 95-067218
Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2143685 AA 950126
PCMCIA STANDARD MEMORY CARD PACKAGE (English; French)
Patent Assignee: FARQUHAR JAMES J (US); CENTOFANTE CHARLIE (US);
DORF KENNETH (US); FAJARDO IGGONI (US); WEIBEZAHN BRANDT (US)
Author (Inventor): FARQUHAR JAMES J (US); CENTOFANTE CHARLIE (US);
DORF KENNETH (US); FAJARDO IGGONI (US); WEIBEZAHN BRANDT (US)
Priority (No,Kind,Date): US 92012 A 930715
Applic (No,Kind,Date): CA 2143685 A 940713
IPC: * H05K-001/02; H05K-003/22
Derwent WPI Acc No: * C 95-067218
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 682597 A1 951122
PCMCIA STANDARD MEMORY CARD PACKAGE. (English; French; German)
Patent Assignee: FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)
Author (Inventor): FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)

Priority (No,Kind,Date): US 92012 A 930715; WO 94US7903 W 940713
 Applic (No,Kind,Date): EP 94921509 A 940713
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * B29C-065/02; B29C-065/08; H05K-005/03; H05K-005/04
 Derwent WPI Acc No: * C 95-067218
 Language of Document: English
 Patent (No,Kind,Date): EP 884163 A1 981216
 PCMCIA STANDARD MEMORY CARD PACKAGE (English; French; German)
 Patent Assignee: FARQUHAR JIM (US); CENTOFANTE CHARLIE (US);
 WEIBEZAHN BRANDT (US); DORF KEN (US); FAJARDO IGGONI (US)
 Author (Inventor): FARQUHAR JIM (US); CENTOFANTE CHARLIE (US);
 WEIBEZAHN BRANDT (US); DORF KEN (US); FAJARDO IGGONI (US)
 Priority (No,Kind,Date): EP 94921509 A3 940713; US 92012 A 930715
 Applic (No,Kind,Date): EP 98114528 A 940713
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * B29C-065/02; B29C-065/08; H05K-005/03; H05K-005/04;
 G06K-019/077
 Derwent WPI Acc No: * C 95-067218
 Language of Document: English
 Patent (No,Kind,Date): EP 682597 A4 971217
 PCMCIA STANDARD MEMORY CARD PACKAGE. (English; French; German)
 Patent Assignee: FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
 KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)
 Author (Inventor): FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
 KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)
 Priority (No,Kind,Date): US 92012 A 930715; WO 94US7903 W 940713
 Applic (No,Kind,Date): EP 94921509 A 940713
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * B29C-065/02; B29C-065/08; H05K-005/03; H05K-005/04
 Derwent WPI Acc No: * C 95-067218
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 682597	P	930715	EP AA	PRIORITY (PATENT APPLICATION)
			(PRIORITAET (PATENTANMELDUNG))	
			US 92012 A	930715
EP 682597	P	940713	EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
			WO 94US7903 W	940713
EP 682597	P	940713	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 94921509 A	940713
EP 682597	P	951122	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			DE FR GB IT NL	
EP 682597	P	951122	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 682597	P	951122	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			950221	
EP 682597	P	971217	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			DE FR GB IT NL	
EP 682597	P	971217	EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 682597	P	980527	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			980415	
EP 682597	P	981216	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 884163 P	
EP 884163	P	930715	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 884163	P	940	US 92012 A 930715 EP AA DIVIDED OUT OF SSCHIEDUNG AUS) EP 94921509 A3 940713
EP 884163	P	940713	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 98114528 A 940713
EP 884163	P	981216	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 682597 P
EP 884163	P	981216	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN) DE FR GB IT NL
EP 884163	P	981216	EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 884163	P	981216	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980803
EP 884163	P	990203	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 981221

JAPAN (JP)

Patent (No,Kind,Date): JP 8505727 T2 960618
Priority (No,Kind,Date): US 92012 A 930715; WO 94US7903 W 940713
Applic (No,Kind,Date): JP 94504714 A 940713
IPC: * G06K-019/077; B29C-045/14; B29C-045/40; H05K-005/00;
H05K-007/14
Derwent WPI Acc No: * C 95-067218
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5397857 A 950314
PCMCIA STANDARD MEMORY CARD FRAME (English)
Patent Assignee: DUAL SYSTEMS (US)
Author (Inventor): FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)
Priority (No,Kind,Date): US 92012 A 930715
Applic (No,Kind,Date): US 92012 A 930715
National Class: * 174052100; 361753000; 361575000
IPC: * H05K-005/03; H05K-007/00
Derwent WPI Acc No: * C 95-067218
Language of Document: English

Patent (No,Kind,Date): US 5490891 A 960213
METHOD OF MANUFACTURING A MEMORY CARD PACKAGE (English)
Patent Assignee: DUEL SYSTEMS (US)
Author (Inventor): FARQUHAR JIM (US); DORF KEN (US); WEIBEZAHN
BRANDT (US); FAJARDO IGGONI (US); CENTOFANTE CHARLIE (US)
Priority (No,Kind,Date): US 348535 A 941201; US 92012 A1 930715
Applic (No,Kind,Date): US 348535 A 941201
Addnl Info: 5397857 Patented
National Class: * 156073100; 156196000; 156245000; 156308200;
264275000; 264279000; 264328100
IPC: * B32B-031/14
Derwent WPI Acc No: * C 95-067218
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
US 5397857 P 930715 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 92012 A 930715
US 5397857 P 950314 US A PATENT
US 5397857 P 950414 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST
DUEL SYSTEMS, INC. 1750 JUNCTION AVE. SAN

JOSE, CALIFORNIA 95112 ; CENTOFANTE, CHARLIE
: 19950404; GREAT AMERICA GUMBALL CO., INC.,
DBA GUMBALL CO. : 19950404

US 5397857	P	990406	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 970314
US 5490891	P	930715	US AA PRIORITY US 92012 A1 930715
US 5490891	P	941201	US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 348535 A 941201
US 5490891	P	950414	US AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST DUEL SYSTEMS, INC. 1750 JUNCTION AVE. SAN JOSE, CALIFORNIA 95112 ; CENTOFANTE, CHARLIE : 19950404; GREAT AMERICA GUMBALL CO., INC., DBA GUMBALL CO. : 19950404
US 5490891	P	960213	US A PATENT
US 5490891	P	980818	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 980213
US 5490891	P	980825	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 980213

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
Patent (No,Kind,Date): WO 9502499 A1 950126
PCMCIA STANDARD MEMORY CARD PACKAGE (English)
Patent Assignee: FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)
Author (Inventor): FARQUHAR JIM (US); CENTOFANTE CHARLIE (US); DORF
KEN (US); WEIBEZAHN BRANDT (US); FAJARDO IGGONI (US)
Priority (No,Kind,Date): US 92012 A 930715
Applic (No,Kind,Date): WO 94US7903 A 940713
Designated States: (National) AU; CA; JP; KR (Regional) AT; BE; CH;
DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
Filing Details: WO 100000 With international search report
IPC: * B29C-065/02; B29C-065/08; H05K-005/03; H05K-005/04
Derwent WPI Acc No: * C 95-067218; C 95-067218
Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
Legal Status (No,Type,Date,Code,Text):

WO 9502499	P	930715	WO AA PRIORITY (PATENT) US 92012 A 930715
WO 9502499	P	940713	WO AE APPLICATION DATA (APPL. DATA)
WO 9502499	P	950126	WO 94US7903 A 940713 WO AK DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED STATES CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) AU CA JP KR
WO 9502499	P	950126	WO AL DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT (DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPL. WITH SEARCH REPORT) AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
WO 9502499	P	950126	WO A1 PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITH THE INTERNATIONAL SEARCH REPORT)
WO 9502499	P	950301	WO ENP ENTRY INTO THE NATIONAL PHASE IN:
WO 9502499	P	950503	WO 121 EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))

6/9/99

Lepia

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FILES - PAGE 1 of 6 (NEXT PAGE for additional files)

NAME PG DESCRIP

NAME PG DESCRIP

---CASES & ADMINISTRATIVE DECISIONS---

IPOMNI 1 Int Prop Cases & Reg Matl
PTOMNI 1 FEDCTS, PTO, ITC, ALLREG
CASES 1 FEDCTS, PTO & ITC
FEDCTS 2 Patent cases from Fed. Cts.
CCPA 2 Ct Customs & Patent Appeals
CAFC 2 Patent cases from Fed. Cir.
PTO 2 PATAPP & COMMR

-----SECONDARY SOURCES-----

CHISUM 5 Chisum on Patents
MPEP 5 Manual of Patent Exam Proc
PTORUL 5 Patent Office Rules
MILGRM 5 Milgrim on Trade Secrets
IPLTR 5 Intell Prop Law Nwltrs
IPLR 5 Intell Prop Law Rev Articles

* Selected coverage 1/15/71 to 12/3/74

JNLS

-----PATENTS GROUP FILES-----

ALL 4 UTIL, DESIGN, PLANT, SIR,
REEXAM & REISS
UTIL 4 Full Text Patents from 1971*
DESIGN 4 Full Text Patents from 1976
PLANT 4 Full Text Patents from 1976
REEXAM 4 Reexamination Certificates
REISS 4 Reissue Patents
SIR 4 Defensive Publications
ASSIGN 4 Assignee
ABSTCL 4 Abstracts & Claims

Searched these
d.b. - 1 listing

5,397,857

<=2> GET 1st DRAWING SHEET OF 4

Mar. 14, 1995

PCMCIA standard memory card frame

REISSUE: Reissue Application filed Mar. 14, 1997 (O.G. Apr. 6, 1999) Ex. Gp.:
1733; Re. S.N. 08/818,520

INVENTOR: Farquhar, Jim, Coronado, California
Centofante, Charlie, Hollister, California
Dorf, Ken, San Jose, California
Weibezahn, Brandt, Pleasanton, California
Fajardo, Iggoni, San Jose, California

ASSIGNEE-AT-ISSUE: Dual Systems, San Jose, California (02)

ASSIGNEE-AFTER-ISSUE: Date Transaction Recorded: Apr. 14, 1995
ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DUEL SYSTEMS, INC. 1750 JUNCTION AVE. SAN JOSE, CALIFORNIA 95112

Reel & Frame Number: 7437/0240

Date Transaction Recorded: Apr. 14, 1995
ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DUEL SYSTEMS, INC. 1750 JUNCTION AVE. SAN JOSE, CALIFORNIA 95112
Reel & Frame Number: 7437/0243

Date Transaction Recorded: Mar. 18, 1996
ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
METHODE ELECTRONICS, INC 7444 WEST WILSON AVENUE CHICAGO, ILLINOIS 60656
Reel & Frame Number: 7854/0298

APPL-N0: 92,012

FILED: Jul. 15, 1993

INT-CL: [6] H05K 5#03; H05K 7#00

US-CL: 174#52.1; 361#753; 361#757;

CL: 174;361;

SEARCH-FLD: 361#684, 737, 748, 753, 752, 757; 174#52.4, 52.5, 52.1; 428#76, 192, 542.8; 156#73.1; 264#248, 272.17

REF-CITED:

U.S. PATENT DOCUMENTS

<=3>	3,579,817	5/1971	* Boyle	174#52.4
<=4>	3,901,731	8/1975	* Warszawski et al.	429#9
<=5>	4,164,068	8/1979	* Shropshire et al.	156#73.1
<=6>	4,305,897	12/1981	* Hazama et al.	264#248
<=7>	5,107,073	4/1992	* Steffen	174#52.1
<=8>	5,208,732	5/1993	* Baudouin et al.	361#684
<=9>	5,242,310	9/1993	* Leung	361#737

OTHER PUBLICATIONS

Branson Technical Brochure, PW-4, Ultrasonic Insertion, Nov. 1981.
 Branson Technical Brochure, PW-3, Joint Design For Ultrasonic Welding, Aug. 1980.

PRIM-EXMR: Ball, Michael W.

ASST-EXMR: Crispino, Richard

LEGAL-REP: Kline; Keith

CORE TERMS: package, plastic, container, card, halves, memory, bonding, peripheral, welding, fingers, accomplished, interior, stamped, energy, manufacturer, polarizing, grounding, perimeter, layer, style, sonic, non-conductive, injection, molding, mold, welded, pins, proper position, manufacturing, dissimilar

ABST:

A container for a memory card and the process by which the container is manufactured. The container comprises chiefly two stamped steel covers, (an upper and a lower cover half), each secured to a plastic frame element. The cover halves are secured by extended fingers which wrap around the plastic frame. This provides a double layer of metal at the perimeter of the frame. The two cover halves are situated so as to encapsulate the subject PCB and to affix it in its proper position. The two cover halves are then welded together using sonic welding on the plastic frame. The frame has been designed to meet all PCMCIA standards, including polarizing keys and grounding points.

NO-OF-CLAIMS: 6

EXMPL-CLAIM: <=10> 1

NO-OF-FIGURES: 4

NO-DRWNG-PP: 4

SUM:

FIELD OF THE INVENTION

The present invention relates generally to memory media and I/O device containers, and more particularly to a packaging container for printed circuit boards that conforms to standards set by PCMCIA, JEDIC, ISO, etc. for peripheral devices.

BACKGROUND OF THE INVENTION

Current technology computing devices are so small that there is very little room for storage devices such as a hard disk drive or I/O device. In order to expand a portable, laptop, or any other type of computer's capacity and functioning capability, manufacturers have devised "plug-in" peripheral cards

Patent Number	Serial Number	Filing Date	Issue Date	Granted Date
5,323,141	07/962,527	10/16/92	06/21/94	02/05/99
5,378,143	07/965,152	10/20/92	01/03/95	02/11/99

Reissue Applications Filed

Notice under 37 CFR 1.11(b). The reissue applications listed below are open to inspection by the general public in the indicated Examining Groups and copies may be obtained by paying the fee therefor (37 CFR 1.12(b)).

5,166,929, Re. S.N. 09/235,576, Jan. 22, 1999, Cl. 370/85.3, MULTIPLE ACCESS PROTOCOL, Wing F. Lo, Owner of Record: *Northern Telecom Ltd., Quebec, Canada*, Attorney or Agent: Kenneth W. Bolvin, Ex. Gp.: 2603

5,393,890, Re. S.N. 09/248,236, Feb. 10, 1999, Cl. 546/080, PIPERDINE DERIVATIVES AND HYPOTENSIVES CONTAINING THE SAME, Masataka Shoji, et. al., Owner of Record: *Ajinomoto Co., Inc., Tokyo, Japan*, Attorney or Agent: Steven B. Kelber, Ex. Gp.: 1612

5,397,857, Re. S.N. 08/818,520, Mar. 14, 1997, Cl. 156/60.000, PCMCIA STANDARD MEMORY CARD FRAME, Jim Farquhar, et. al., Owner of Record: *Methode Electronics Inc., Chicago, IL*, Attorney or Agent: Robert M. Barrett, Ex. Gp.: 1733

5,430,864, Re. S.N. 08/887,680, Jul. 3, 1997, Cl. 395/500, EXTENDING COMPUTER ARCHITECTURE FROM 32-BITS TO 64-BITS BY USING THE MOST SIGNIFICANT BIT OF THE STACK POINTER REGISTER TO INDICATE WORD SIZE, Michael Powell, et. al., Owner of Record: *Sun Microsystems, Inc., Mountainview, CA*, Attorney or Agent: Eric S. Hyman, Ex. Gp.: 1754

5,478,396, Re. S.N. 09/133,933, Aug. 13, 1998, Cl. 423/348, PRODUCTION OF HIGH-PURITY POLYCRYSTALLINE SILICON ROD FOR SEMICONDUCTOR APPLICATIONS, David W. Keck, et. al., Owner of Record: *Advanced Silicon Materials Inc., Moses Lake, WA*, Attorney or Agent: Richard J. Polley, Ex. Gp.: 1763

5,540,297, Re. S.N. 09/226,713, Dec. 18, 1998, Cl. 180/065.500, TWO-MOTOR WHEELCHAIR WITH BATTERY SPACE, Gunther Meier, Owner of Record: *Invacare (Deutschland) GmbH, Bad Oeynhausen, Germany*, Attorney or Agent: Laura F. Shunk, Ex. Gp.: 3611

5,548,015, Re. S.N. 09/246,969, Feb. 9, 1999, Cl. 524/503.000, AQUEOUS PHENOLIC RESIN DISPERSIONS, Ken A. Bourlier, et. al., Owner of Record: *Georgia-Pacific Resins, Inc., Atlanta, GA*, Attorney or Agent: William J. Fisher, Ex. Gp.: 1714

5,595,389, Re. S.N. 09/234,960, Jan. 21, 1999, Cl. 273/437, METHOD AND APPARATUS FOR PRODUCING "PERSONALIZED" VIDEO GAMES USING CD DISCS, Kenneth A. Parulski, et. al., Owner of Record: *Eastman Kodak Co., Rochester, NY*, Attorney or Agent: Mark G. Bocchetti, Ex. Gp.: 3304

5,599,614, Re. S.N. 09/245,496, Feb. 4, 1999, Cl. 428/283, INTEGRAL COMPOSITE MEMBRANE, Bamdad Bahar, et. al., Owner of Record: *W. L. Gore & Associates, Inc., Newark, DE*, Attorney or Agent: J. Steven Rutt, Ex. Gp.: 1721

5,600,299, Re. S.N. 09/243,559, Feb. 3, 1999, Cl. 340/429, BEEPER CONTROLLED AUTO SECURITY SYSTEM, Eugene Tompkins, Owner of Record: *Inventor*, Attorney or Agent: John R. Benefiel, Ex. Gp.: 2714

5,601,434, Re. S.N. 09/250,028, Feb. 11, 1999, Cl. 434/253, METHOD AND APPARATUS FOR TEACHING SKIING TECHNIQUES, Steven N. Winters, Owner of Record: *Inventor*, Attorney or Agent: Inventor, Ex. Gp.: 3712

5,602,090, Re. S.N. 09/248,406, Feb. 11, 1999, Cl. 510/372, SURFACTANTS BASED AQUEOUS COMPOSITIONS WITH D-LIMONENE AND HYDROGEN PEROXIDE AND METHODS USING THE SAME, Arman V. Melikyan, et. al., Owner of Record: *Alphen, Inc., Georgetown, IL*, Attorney or Agent: Robert L. Knechtel, Ex. Gp.: 2854

5,602,603, Re. S.N. 09/248,237, Feb. 10, 1999, Cl. 351/041, EYEGLASSES HAVING INTERCHANGEABLE LENSES AND ATTACHMENT CLIPS, Pierre Bondet, Owner of Record: *Inventor*, Attorney or Agent: Brian L. Johanson, Ex. Gp.: 2873

5,602,811, Re. S.N. 09/247,895, Feb. 10, 1999, Cl. 369/047.000, MUSICAL INFORMATION RECORDING AND REPRODUCING TECHNIQUE FOR USE WITH A RECORDING MEDIUM HAVING A UTOC AREA, Mikio Ogusu, et. al., Owner of Record: *Yamaha Corp., Hamamatsu-shi, Japan*, Attorney or Agent: Roger R. Wise, Ex. Gp.: 2753

5,604,541, Re. S.N. 09/249,497, Feb. 12, 1999, Cl. 348/426, HIGH DEFINITION TELEVISION RECEIVER, Dae-Jin Kim, et. al., Owner of Record: *LG Electronics Inc., Seoul, Korea*, Attorney or Agent: Song K. Jung, Ex. Gp.: 2711

5,604,741, Re. S.N. 09/252,551, Feb. 18, 1999, Cl. 370/085.300, ETHERNET SYSTEM, Henry Samueli, et. al., Owner of Record: *Broadcom Corp., Los Angeles, CA*, Attorney or Agent: John W. Eldredge, Ex. Gp.: 2731

5,605,627, Re. S.N. 09/250,449, Feb. 16, 1999, Cl. 210/321.790, DIALYSATE FILTER INCLUDING AN ASYMMETRIC MICROPOROUS, HOLLOW FIBER MEMBRANE INCORPORATING A POLYIMIDE, Daniel B. Carlsen, et. al., Owner of Record: *Mintech Corp., Minneapolis, MN*, Attorney or Agent: Paul L. Maeyart, Ex. Gp.: 1723

5,657,884, Re. S.N. 09/136,812, Aug. 19, 1998, Cl. 211/86, DISPLAY POLE SUPPORT STRUCTURE, August J. Zilincar III, Owner of Record: *Metaline Products Co. Inc., South Amboy, NJ*, Attorney or Agent: David L. Davis, Ex. Gp.: 3623

5,755,568, Re. S.N. 09/236,373, Jan. 25, 1999, Cl. 431/344, MULTIPLE FLAME TORCH APPARATUS, Bruce A. Buhler, Owner of Record: *Illinois Tool Works Inc., Glenview, IL*, Attorney or Agent: Steven W. Weinrieb, Ex. Gp.: 3743

5,769,688, Re. S.N. 09/244,374, Feb. 4, 1999, Cl. 450/057, ATHLETIC BREAST AND CHEST PROTECTOR, David Holliday, Owner of Record: *Inventor*, Attorney or Agent: B. Craig Killough, Ex. Gp.: 3741

5,820,279, Re. S.N. 09/248,606, Feb. 11, 1999, Cl. 400/234, COMPUTER DRIVEN PRINTER, Dean Howard Ludwig, et. al., Owner of Record: *Eltron International, Inc., Simi Valley, CA*, Attorney or Agent: M. John Carson, Ex. Gp.: 2854

5,823,747, Re. S.N. 09/248,327, Feb. 9, 1999, Cl. 417/216, BUBBLE DETECTION AND RECOVERY IN A LIQUID PUMPING SYSTEM, Steven J. Ciavarini, et. al., Owner of Record: *Water Investments, Ltd., Wilmington, DE*, Attorney or Agent: Brian L. Michaelis, Ex. Gp.: 3746

Requests for Reexaminations Filed

Notice under 37 CFR 1.11(c). The requests for reexamination listed below are open to inspection by the general public in the indicated Examining Groups. Copies of the requests and related papers may be obtained by paying the fee therefor established in the Rules (37 CFR 1.19(a)).

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